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(71) Applicant (for all designated States except US):  
**COOPER-STANDARD AUTOMOTIVE INC.** [US/US];  
39550 Orchard Hill Place, Novi, MI 48375 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LOVETT, Brad, A.**  
[US/US]; 5396 Sunnycrest Drive, West Bloomfield, MI  
48323 (US). **ROSENBERG, Andrew, M.** [US/US]; 7627  
Dryden Road, Almont, MI 48003 (US).

(74) Agent: **KOZIARZ, Matthew, L.**; Carlson, Gaskey &  
Olds, P.C., 400 West Maple Road, Suite 350, Birmingham,  
MI 48009 (US).

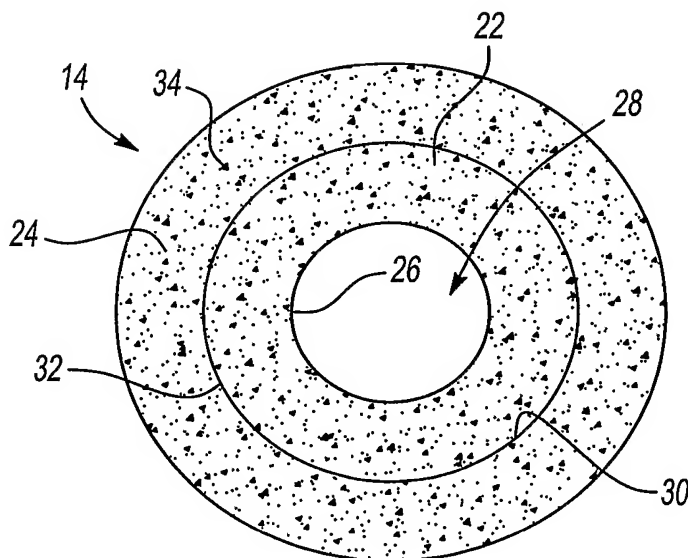
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(54) Title: AROMATIC POLYAMIDE TUBING FOR VEHICLE APPLICATIONS



(57) Abstract: A vehicle tube (14) includes a layer of aromatic polyamide (22). In one example, an outer layer of aromatic polyamide (24) is bonded to the layer aromatic polyamide (22). In another example, the layer of aromatic polyamide (22) includes filler and modifying agents (34) and is electrically conductive. Example filler and modifying agents (34) include carbon powder, carbon nanotubes, metal fiber, heat-stabilizing agent, impact-modifying agent or mixtures thereof. In another example, the outer layer of aromatic polyamide (24) includes a corrugated outer surface portion (70) to provide flexibility to the tube (14). One example method includes extruding an aromatic polyamide barrier layer (22), extruding a second aromatic polyamide barrier layer (24) coaxially with the first aromatic polyamide layer (22), and

bonding the second aromatic polyamide barrier layer (24) to the first aromatic polyamide barrier layer (22).

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